

**102.10 - Lead Base Alloys (disk and powder forms) [150 g units (unless otherwise noted)]**Technical Contact: [john.sieber@nist.gov](mailto:john.sieber@nist.gov)

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM Description	53e Bearing Metal (84Pb-10Sb-6Sn)	127b Solder, 40Sn-60Pb	1129 Solder (63Sn-37Pb)	1131 Solder (60Pb-40Sn)	1132 Bearing Metal (Pb-Sn)	1727 Anode Tin
Unit of Issue	(150 g)	(150 g)	(200 g)	(disk)	(disk)	(block)
Cu	0.054	0.011	0.16	0.011	0.054	(4)*
Ni	0.003	0.012	0.010	0.012	0.003	(3)*
As	0.057	0.01	0.055	0.01	0.057	(
Sn	5.84	39.3	62.7	39.3	5.84	
Sb	10.26	0.43	0.13	0.43	10.26	(40)*
Bi	0.052	0.06	0.13	0.06	0.052	(8)*
Ag		0.01	0.075	0.01		
Fe						(20)*
Pb						33.26*
Co						(2)*
In						(20)*

\*Values in parentheses are given for information only.